

RA569
.M648
1973

Federal / State Radiation Control Legislation 1972

March 1973

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- FDA 72-8014 Design and Evaluation of an Electronic Radiography System (GPO 1715-0030, \$0.75), (PB 204 930, mf only).
- FDA 72-8015 Radiofrequency and Microwave Radiation Levels Resulting from Man-Made Sources in the Washington, D.C., Area (GPO 1712-0135, \$0.75), (PB 206 216, mf only).
- FDA 72-8016 Test Method for Fluoroscopic Beam Alignment.
- FDA 72-8018 Use of a Time Sharing Computer Program for Calculating and Plotting Radiochromatographic Data.
- FDA 72-8020 Evaluation of the S. S. White Panorex X-ray Machine (GPO 1715-0032, \$0.65), (PB 206 309, mf only).
- FDA 72-8021 Third Annual National Conference on Radiation Control (GPO 1715-0033, \$3.00), (PB 206 981, mf only).
- FDA 72-8022 Modification of Electronic X-ray Pulse Counter.
- FDA 72-8023 The Training of Radiologic Administrators: Proceedings of a Symposium (PB 209 054, \$3.00).
- FDA 72-8024 Afterloading in Radiotherapy: Proceedings of a Conference (GPO 1715-0034, \$3.75), (PB 207 706, mf only).
- FDA 72-8028 Xenon-144 System for Low-Cost, Low-Dose Patient Studies.
- FDA 72-8029 Low and Very Low Dose Influences of Ionizing Radiations on Cells and Organisms, Including Man: A Bibliography (PB 209 804, \$6.00).
- FDA 72-8031 Switch Failure Monitoring Device.
- FDA 72-8032 CSU-PHS Collaborative Radiological Health Laboratory Annual Report (GPO 1712-0160, \$1.25), (PB 211 898, mf only).

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Federal / State **Radiation Control Legislation 1972**

Lois A. Miller
Radiation Operations Staff
Division of Field Operations
Executive Director of Regional Operations

March 1973

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
FOOD AND DRUG ADMINISTRATION
Rockville, Maryland 20852

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FOREWORD

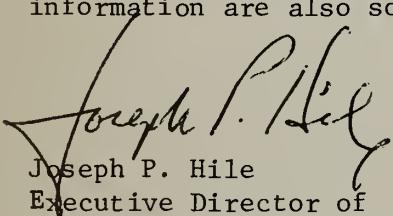
The Food and Drug Administration continues to carry out a national program designed to reduce man's exposure to ionizing and nonionizing radiation.

The Radiation Operations Staff of the Food and Drug Administration's Executive Director of Regional Operations, assists and advises the Bureau of Radiological Health on regional and State radiological health activities. The Radiation Operations Staff also coordinates all radiological health activities for an active Federal-State partnership to achieve and maintain comprehensive radiological health control.

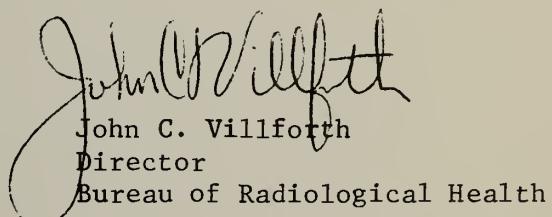
The Bureau of Radiological Health publishes its findings in appropriate scientific journals and technical report and note series for the Bureau's divisions, offices, and laboratory.

The reports of the Radiation Operations Staff (ROS) published by the Bureau allow comprehensive reporting of the results of intramural and contractor projects. The reports are distributed to State and local radiological health personnel, university radiation safety officers, libraries and information services, industry, hospitals, laboratories, schools, the press, Bureau technical staff, Bureau advisory committee members, and other interested individuals. These reports are also included in the collections of the Library of Congress and the Clearinghouse for Federal Scientific and Technical Information.

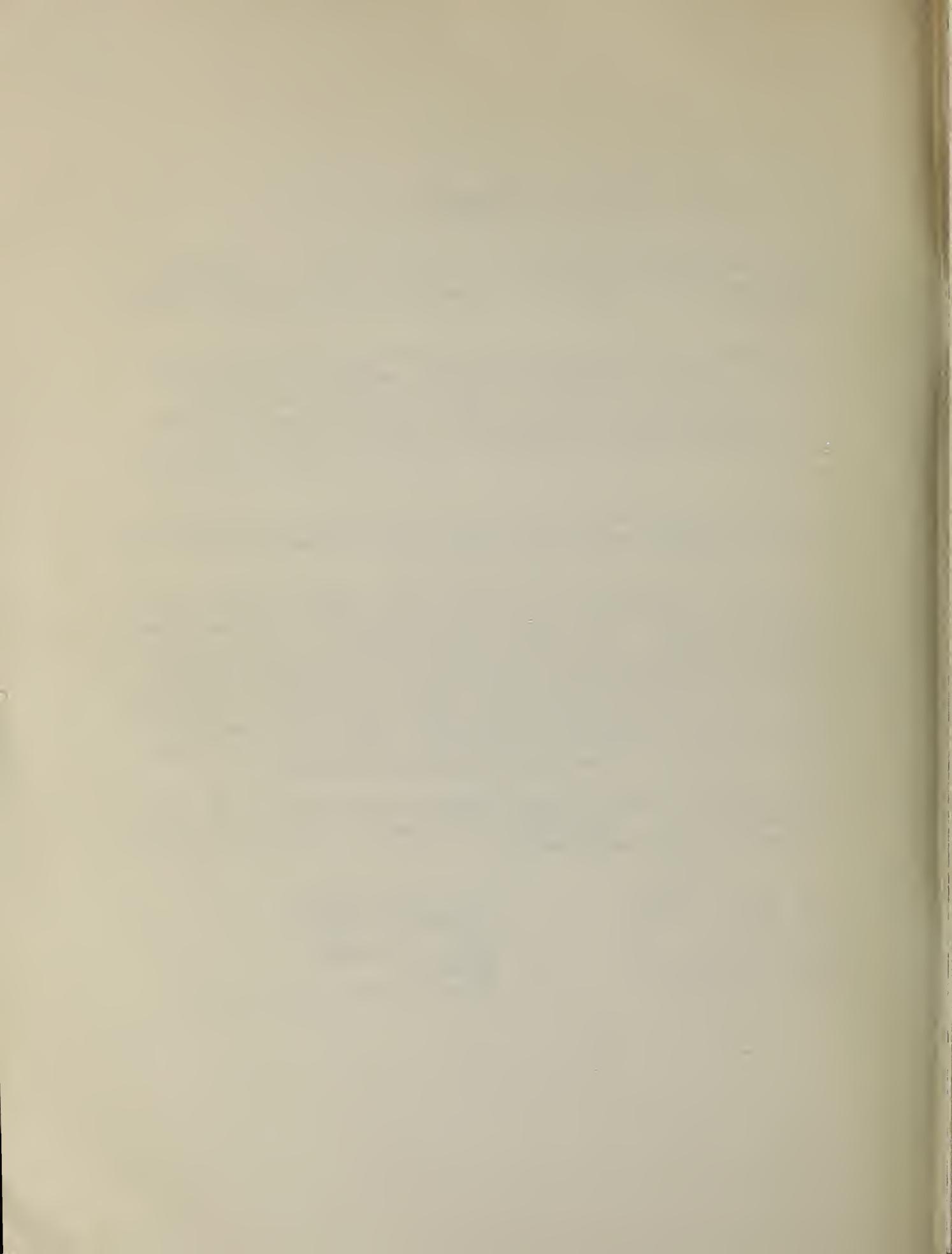
We encourage the readers of these reports to inform the Bureau of any omissions or errors. Your additional comments or requests for further information are also solicited.



Joseph P. Hile
Executive Director of
Regional Operations



John C. Villforth
Director
Bureau of Radiological Health



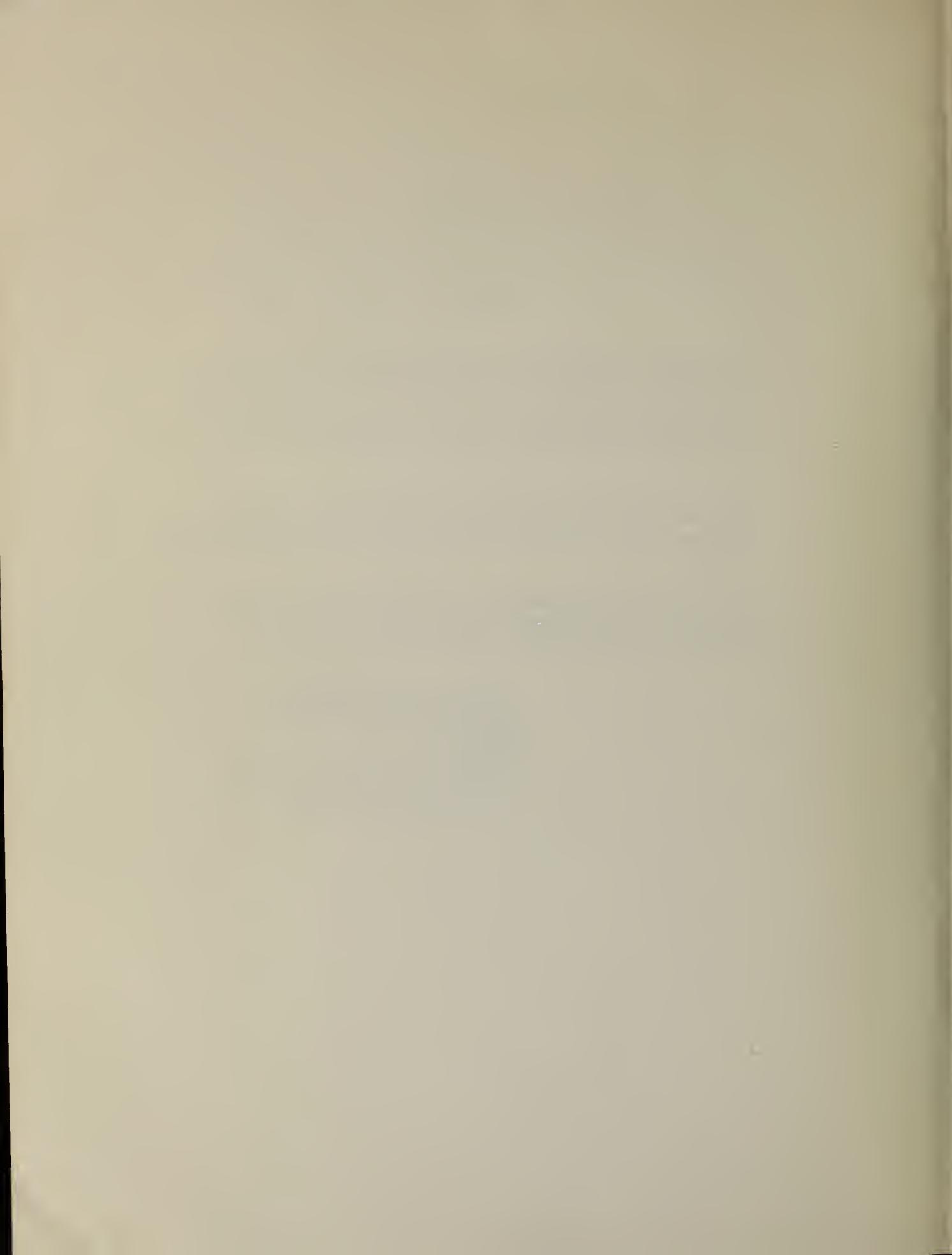
PREFACE

This report on Radiation Control Legislation contains pertinent changes and new developments which have taken place during calendar year 1972. It is being published to provide State radiation control programs and other interested agencies with national legislative trends for further control of radiation.

The State legislation has been compiled from reports received from the Commerce Clearing House Reporting Service and the Federal legislation from the CONGRESSIONAL RECORD.

Appreciation is expressed to all radiological health regional representatives who provided comments and suggestions on the draft version of this report.

James W. Miller
James W. Miller, D.D.S.
Director
Radiation Operations Staff
Office of the Executive Director
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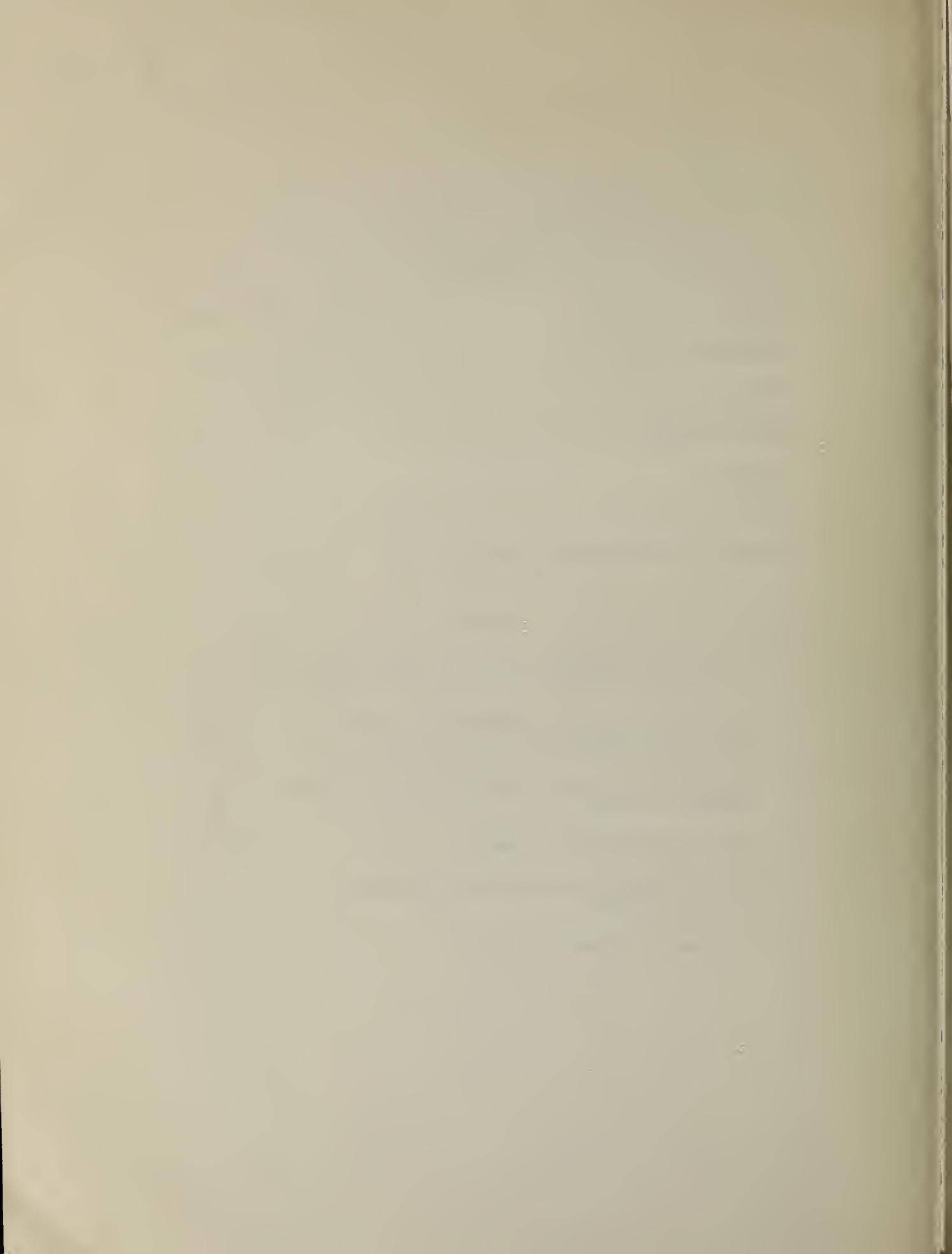


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KEY TO SYMBOLS

A. - Assembly Bill
A.C.R. - Assembly Concurrent Resolution
A.J.R. - Assembly Joint Resolution
A.R. - Assembly Resolution
H. - House Bill
H.C.R. - House Concurrent Resolution
H.R. - House Resolution
H.J.R. - House Joint Resolution
L. - Legislative Bill
P.F. - Prefiled
S. - Senate Bill
S.C.R. - Senate Concurrent Resolution
S.R. - Senate Resolution
X - First Special Session
XX - Second Special Session

ABSTRACT

This report, which presents a review of Federal and State radiation control legislation for calendar year 1972, is in Federal-State, subject, and Status order. A brief description of each bill introduced in 1972 is included, plus existing laws or statutes governing radiation control.

FEDERAL/STATE PROPOSED LEGISLATION 1972

SUMMARY

This report which presents a review of Federal and State radiation control legislation introduced in calendar year 1972 or carried over from the previous year is in State, subject, and final status order. The subject parameters are: General, Ionizing Radiation, Nonionizing Radiation, Nuclear Energy, Environmental, and User Legislation.

The legislatures of 37 States met in regular session and five met in special session only in 1972. Nineteen Federal bills and 167 State bills pertaining to radiation control were introduced. Of the 136 bills introduced, only 30 were enacted, three of which were Federal bills.

The summary by subject parameters of enacted legislation is as follows:

1. General: There were seven bills approved covering seven areas of interest.
2. Ionizing Radiation: One bill provided for investigation and study of the efficient use of ionizing radiation, and the other for control of ionizing radiation.
3. Nonionizing Radiation: Three States amended their statutes to include nonionizing radiation.
4. Nuclear Energy: There were ten bills approved relating to nuclear compacts, nuclear powerplants and limiting exposure to radiation emanating from uranium mill tailings used in construction. The Federal bill authorized the Atomic Energy Commission to issue temporary operating licenses for nuclear power reactors under certain circumstances.
5. Environmental: Two bills were passed to create environmental agencies for the protection of the environment.
6. User Legislation: There were seven bills approved relating to user legislation: The Federal bill (Amendment to Social Security Act), as related to Radiological Health, required the development and conduct of a program to determine proficiency of health care personnel including x-ray technicians. Kentucky approved new legislation to regulate operators of radiation sources and create an advisory committee. New York passed five amendments relating to its existing user legislation.

FEDERAL/STATE PROPOSED LEGISLATION 1972

BIBLIOGRAPHY AND STATUS

FEDERAL

GENERAL

S. 3419 An original bill to protect consumers against unreasonable risk of injury from hazardous products, and other purposes, establishment of a new agency (merged with S. 983). The Senate conferees agreed to the establishment of a Consumer Product Safety Commission (rather than agency) to incorporate the functions of the Hazardous Substance Act, the Poison Prevention Packaging Act of 1970, and the Flammable Fabrics Act. The Commission has no authority to regulate products covered under the Atomic Energy Act, the Occupational Safety and Health Act of 1970, or electronic radiation under the Public Health Service Act, Subpart 3 of Part F of Title III. Other amendments were incorporated by the Joint Conference.

October 25, 1972 Approved by the President

S. 3432 A bill to establish a Department of Health to establish coordinated long term planning of Federal health policy. The Department would assume all health responsibilities of the present DHEW and other health programs in other Federal agencies.

October 18, 1972 No action by adjournment

S. 3588 A bill to establish a Federal Radiation Protection Agency, to transfer certain functions of the Atomic Energy Commission and other departments and agencies to such agency, and for other purposes.

October 18, 1972 No action by adjournment

FEDERAL-General (Continued)

H.R. 14480 A bill to establish a Department of Health, see
Mr. Rooney S. 3432.

October 18, 1972 No action by adjournment

IONIZING

H.R. 12416 A bill to amend the Public Health Service Act to direct
Rep. Koch the Secretary of Health, Education, and Welfare to
 prescribe radiation standards for, and conduct regular
 inspections of, diagnostic and other x-ray systems.

October 18, 1972 No action by adjournment

H.R. 15732 A bill to amend the Public Health Service Act to direct
Rep. Koch the Secretary of Health, Education, and Welfare to
 prescribe radiation standards for and conduct regular
 inspections of diagnostic and other x-ray systems, and
 to require use of protective shielding on patients
 during x-ray procedures.

October 18, 1972 No action by adjournment

H.R. 17109 Same as H.R. 15732
Rep. Koch

October 18, 1972 No action by adjournment

NONIONIZING

S. 3487 A bill to amend the Radiation Control and Safety Act
Sen. Tunney to provide for research into the chronic effects of
 microwave radiation.

October 18, 1972 No action by adjournment

NUCLEAR ENERGY

H.R. 13752 An act to amend the National Environmental Policy Act
Mr. Dingell of 1969 to provide for the interim licensing of the
 operation of certain thermoelectric generating plants.

FEDERAL - Nuclear Energy (Continued)

H.R. 13752

(Continued)

October 18, 1972 No action by adjournment

H.R. 14655

Mr. Mallary

A bill to amend the Atomic Energy Act of 1954 to authorize the Commission to issue temporary operating licenses for nuclear power reactors under certain circumstances, and for other purposes.

June 2, 1972

Approved by the President

H.R. 16054

Rep. Wolff

A resolution to reorganize the functions of the Executive Branch which relate to the regulation of commercial uses of nuclear power, except those that relate to source materials, by transferring such functions from the Atomic Energy Commission to the Secretary of Health, Education, and Welfare to be administered through the Public Health Service subject (in certain cases) to disapproval by the Federal Power Commission or the Secretary of the Interior.

October 18, 1972

No action by adjournment

H.R. 16309

Rep. Frenzel

A bill to amend the Atomic Energy Act of 1954 to permit a State which has an agreement with the Commission and has demonstrated its competence in the regulation of effluent emission standards to impose regulations which are more restrictive than those of the Commission.

October 18, 1972

No action by adjournment

H.R. 17120

Rep. Fraser

Same as H.R. 16309 and S. 4093

October 18, 1972

No action by adjournment

S. 3543

Mr. Magnuson

Same as H.R. 14655

October 18, 1972

No action by adjournment

FEDERAL - Nuclear Energy (Continued)

S. 4093 A bill to amend the Atomic Energy Act to permit States concurrently with the AEC to regulate the emission of radioactive effluents. Same as H.R. 16309
Sen. Mondale

October 18, 1972 No action by adjournment

USER LEGISLATION

H.R. 1 An act to amend the Social Security Act: as related to radiological health, the Secretary, in carrying out his functions relating to qualifications for health care personnel, shall develop and conduct (in consultation and in conjunction with professional health organizations and State health and licensure agencies) a program designed to determine the proficiency of individuals to perform the duties and functions of practical nurses, therapists, laboratory technicians and technologists, x-ray technicians, psychiatric technicians or other health technicians who do not otherwise meet the formal education, professional membership, or other specific criteria established for determining the qualifications for employment in these fields.
Sen. Mills

October 30, 1972 Approved by the President

H.R. 16429 A bill to require the Secretary, Health, Education, and Welfare to issue and promulgate criteria and minimum standards for the training of radiologic technologists, for the accreditation standards of schools training radiologic technologists and for the licensure of these technologists.
Rep. Koch

October 18, 1972 No action by adjournment

H.R. 17108 Same as H.R. 16429
Rep. Koch

October 18, 1972 No action by adjournment

FEDERAL - User Legislation (Continued)

S. 426 The act would give the Secretary of Health, Education, and Welfare the power to establish minimum criteria for training and licensing of technologists and would also require States to enact their own laws within a two-year period.

October 18, 1972 No action by adjournment

CALIFORNIA

ENVIRONMENTAL

A. 2376 A bill to create the State Environmental Protection Board and Regional Boards, Creates within the State Board, the Citizens Council on Environmental Protection and the State Water Rights Council. Prescribes organization, composition and powers and duties of such entities. Abolishes the State Air Resources, Water Resources, Regional Water Quality Control, Solid Waste Management Boards and transfers their functions to the new board.

January 1, 1972 Failed to pass by adjournment

S. 393 An act to establish and maintain a comprehensive statewide solid waste management and resources recovery policy to provide for disposal of hazardous materials or toxic chemicals and provide technical assistance to local governmental agencies in the disposal of such substances; to establish and maintain a cooperative State and local program of planning and technical and financial assistance.

January 1, 1972 Failed to pass by adjournment

IONIZING

A. 1400 Designation of headquarters location for the Department of Industrial Relations; includes danger of exposure of potentially injurious levels of ionizing radiation or radioactive materials in the definition of safety device

CALIFORNIA - Ionizing (Continued)

A. 1400 and safeguard; and other amendments not related to
(continued) radiation.

January 1, 1972 Failed to pass by adjournment

NUCLEAR ENERGY

A.C.R. 44 A resolution to authorize the Joint Committee on Atomic Development and Space to act until July 31, 1973 with funds (\$150,000) available for expenses incurred.

January 1, 1972 Failed to pass by adjournment

A. 1333 An act to require commercially prepared explosives which are manufactured, distributed, offered for sale, or sold in this State to contain radioactive source or byproduct materials in such amounts as the State Department of Public Health may by regulation authorize for use as tracers.

January 1, 1972 Failed to pass by adjournment

A. 1559 An act to establish the State Power Facilities Siting Council Act. Creates the State Power Facilities Siting Council to review and regulate the siting of designated thermal powerplants and electric transmission lines, and prescribes its membership, powers, and duties. Provides for civil liabilities and criminal penalties for violation of this Act.

January 1, 1972 Failed to pass by adjournment

S. 1195 An act to invest the responsibility for the coordinated review and planning of, and the authority to approve the location of any thermal powerplant to the Power Plant Siting Council.

January 1, 1972 Failed to pass by adjournment

CALIFORNIA - Nuclear Energy (Continued)

S. 1310 Creates Electrical Power Facilities Siting Council to review and regulate siting of designated thermal powerplants and electric transmission lines, and prescribes membership, powers and duties. Provides civil liabilities and penalties for violation of the Electrical Power Facilities Siting Council Act.

January 1, 1972 Failed to pass by adjournment

USER LEGISLATION

S.R. 55 Senate resolution instructing the Senate Committee on Rules to assign an Interim Committee for study, the subject of the implementation to date of legislative intent of Chapter 7.4 by the State Department of Public Health, and requested the Board of Health to defer establishing a system of in-office training of radiologic technologists until the report of the study is received.

January 1, 1972 Failed to pass by adjournment

S. 1041 An act to revise and increase the membership of the Radiologic Technology Certification Committee. Provides that six, rather than five (50% of the membership), affirmative votes are necessary for such committee to approve rules and regulations adopted by State Board of Public Health pursuant to specified provisions.

January 1, 1972 Failed to pass by adjournment

S. 826 An act making exception to prohibition against use of x-rays on human beings, by licentiate in healing arts, not certified as specified, for use on licentiate's patients.

January 1, 1972 Failed to pass by adjournment

S. 827 An act exempting persons working under the direct supervision of a licentiate operating x-ray machines

CALIFORNIA - User Legislation (Continued)

- S. 827
(Continued) on behalf of the patients of such licentiate, from provisions making it unlawful for a person to administer or use diagnostic or therapeutic x-ray on human beings unless such person has prescribed certification or permit. Exempts from such provisions person working under direct supervision of licentiate of healing arts who is certified by examining board in radiology recognized by State Department of Public Health.

January 1, 1972 Failed to pass by adjournment

- S. 828 An act to amend the Health and Safety Code defining specific requirements for trainees in the office of, and operating under the supervision of, a licentiate of the healing arts.

January 1, 1972 Failed to pass by adjournment

January 1, 1972 Failed to pass by adjournment

COLORADO

ENVIRONMENTAL

- S. 39 A bill for an Act concerning an environmental policy, and providing for the establishment thereof through the transfer of the powers, duties, and functions of the Office of the Coordinator of Environmental Problems.

June 4, 1972 Failed to pass by adjournment

COLORADO (Continued)

NUCLEAR ENERGY

- H. 1093 An appropriation of \$1,66,667 from the Capital Construction Fund to the Department of Health for the purpose of remedial action to limit the exposure of individuals to radiation emanating from uranium mill tailings which have been used as a construction related material in Mesa County. The appropriation is contingent upon the availability of Federal moneys on a matching basis of the State providing 25% of the cost.

May 10, 1972 Approved

FLORIDA

GENERAL

- H. 2689 An act relating to the Nuclear Code and Southern Interstate Nuclear Compact Law and Radiological Surveillance providing for the Division of Health to charge annual fees for surveillance of licensed and registered sources of ionizing radiation; providing for the use of fee monies; providing for inspection by the Division; providing for the maintenance of records; providing for Federal-State agreements; providing for administrative procedure and judicial review; providing for injunctive relief; providing for prohibited uses; providing for impounding of materials; providing for penalties and providing an effective date.

April 7, 1972 Failed to pass by adjournment

ENVIRONMENTAL

- H. 3768 An act to amend the Florida statutes to add the following: The Governmental Reorganization Act, to change-over to a single, coordinated State environmental program, the Electrical Power Plant Siting Act to control the location and operation of electric power plants within the State to assure minimal

FLORIDA - Environmental (Continued)

H. 3768 adverse effects on human health, the environment, the ecology of State waters and the ecology of the land, and the Environmental Permit Act.

April 7, 1972 Failed to pass by adjournment

S. 1095 An act creating the Electrical Power Plant Siting Commission in the Department of Natural Resources providing the procedure for application for certification for power plants and transmission lines; transfers several functions of the Department of Pollution Control, Natural Resources and Internal Improvement Trust Fund; provides for public hearings and judicial review.

April 7, 1972 Failed to pass by adjournment

NUCLEAR ENERGY

S. 1239 A resolution urging the Governor, cabinet members, an legislature to lend their support to Westinghouse Electric Company and Tenneco Corporation for location of their offshore nuclear power manufacturing facility in Florida.

March 13, 1972 Adopted

IDAHO

GENERAL

H. 519 An act to include all types of radiation into the Idaho Code to provide for compatibility with the standards and regulatory programs of the Federal Government. A requirement was added for licensure of those persons installing or repairing sources of radiation and requirement of registration with the Agency of Radiation Sources other than ionizing radiation sources which the Agency has determined to present a potential hazard to the occupational and public health and safety.

March 27, 1972 Approved

INDIANA

GENERAL

S. 243 Health planning-creation of Statewide health planning by coordinating all local board of health agencies under the State Board.

February 28, 1972 Failed to pass by adjournment

IOWA

ENVIRONMENTAL

S. 85 An act creating a Department of Environmental Quality, specifying its powers, duties, and functions, and providing penalties for violations.

April 21, 1972 Approved

KANSAS

ENVIRONMENTAL

H. 1692 An act to prohibit establishment of depositories for atomic wastes or other radioactive materials; making certain acts unlawful and prescribing penalties for violations.

March 28, 1972 Failed to pass by adjournment

S. 740 An act concerning regulation of the transportation storage, disposal and possession of dangerous wastes.

March 28, 1972 Failed to pass by adjournment

GENERAL

S. 734 An act concerning nuclear energy development and radiation control; providing for license fees and registration fees; establishing the radiation control fee fund and providing for the distribution of such moneys; amending K.S.A. 48-1607 and repealing the

KANSAS - GENERAL (Continued)

S. 734 existing section.
(Continued)

March 28, 1972 Failed to pass by adjournment

NONIONIZING

S. 236 An act relating to the Nuclear Energy Development and Radiation Control Act; redefines radiation to include nonionizing, defines electronic products.

February 18, 1972 Approved

NUCLEAR ENERGY

H.C.R. 1043 A concurrent resolution opposing in its present frame of reference a proposed AEC authorization to acquire acreage in the State of Kansas for the establishment of a permanent nuclear waste storage facility.

March 28, 1972 Failed to pass by adjournment

S.C.R. 38 A concurrent resolution opposing Atomic Energy Commission authorization to acquire acreage in the State of Kansas for the establishment of a permanent nuclear waste storage facility.

March 28, 1972 Failed to pass by adjournment

S. 315 An act enacting the Midwest Nuclear Compact and specifying the representation of this State therein; prescribing extension of benefits for employment-connected injuries incurred under Article VI thereof.

March 21, 1972 Approved

KENTUCKY

NONIONIZING

H. 362 An act to amend K.R.S. 152.125 relating to the

KENTUCKY - Nonionizing (Continued)

H. 362 licensing of possession or use of any source of ionizing radiation to include electronic product radiation in such provisions.

March 30, 1972 Approved

USER LEGISLATION

H. 404 An act to require the State Board of Health to regulate operators of radiation sources other than licensed practitioners of the healing arts; to create the State radiation operators advisory committee

March 29, 1972 Approved

LOUISIANA

ENVIRONMENTAL

S. 512 An act to authorize the creation of an Environmental Control Board for the State of Louisiana and to authorize boards in each parish as needs may require for the purpose of controlling pollution of any type, and to empower each board to adopt rules and regulations to effectuate pollution control.

June 28, 1972 Withdrawn

GENERAL

S. 252 An amendment to transfer powers, duties, functions, and responsibilities of Atomic Energy Development Agency, Louisiana Council on new industry taxation and the Louisiana nuclear and space authority to State Board of Commerce and Industry, abolishing said agencies.

July 12, 1972 Approved

USER LEGISLATION

S. 455 A bill to create the State Board of Radiation Technology

LOUISIANA - User Legislation (Continued)

S. 455 and to provide for licensing and fees of radiologic
(continued) technologists.

June 1, 1972 Withdrawn

MARYLAND

ENVIRONMENTAL

S. 78 Water Quality Standards: to add new Section 27A to Article 96A of the Code, to provide that the Department's water quality standards relating to rises in water temperature in State waters shall conform to certain recommended standards, and to make this Section applicable to nuclear powerplants constructed in this State.

April 10, 1972 Failed to pass by adjournment

P.F. 58 A bill to provide that the water quality relating to rises in water temperature shall conform to certain standard; makes this Section applicable to certain nuclear powerplants constructed in this State.

April 10, 1972 Failed to pass

USER LEGISLATION

H. 968 An act creating the Radiologic Technology Board of Examiners with duties and powers defined; to establish standards for education, training, and experience for radiologic technologists and to prescribe means for assuring that these standards are met.

April 10, 1972 Failed to pass by adjournment

MASSACHUSETTS

GENERAL

H. 4690 The Director of Registration shall confer with several Boards of Registration and, with their cooperation,

MASSACHUSETTS - General (Continued)

H. 4690 fix the fees of all applicants for registration in
(Continued) such amounts that the receipts shall be sufficient to
 take care of the expenses of each respective board.

May 16, 1972 Killed

IONIZING

H. 139 An act further regulating radiation therapy equipment
 with violation and penalties for offenders.

July 9, 1972 Failed to pass by adjournment

H. 5672 Resolve providing for an investigation and study by a
 special commission relative to the efficient use of
 ionizing radiation.

June 15, 1972 Approved

NUCLEAR ENERGY

H. 1182 An amendment to the general laws to include license
 classifications and fees of supervisory and operating
 engineers of nuclear steam plants and minimum personnel
 requirements for each shift.

July 9, 1972 Failed to pass by adjournment

H. 2483 An authorization for the Board of Trustees of Lowell
 Technological Institute of Massachusetts to construct
 and equip a cobalt teletherapy irradiation building as
 an addition to the Nuclear Center.

July 9, 1972 Failed to pass by adjournment

H. 4090 A bill to create a power agency to conduct a study and
 investigation of the availability of electric energy,
 including atomic or other sources, and the manner best
 suited to make such energy available to the people of
 the State, and take the necessary steps to see that

MASSACHUSETTS - Nuclear Energy (Continued)

H. 4090 transmission and wheeling arrangements are available
(Continued) to public and private electric systems to best serve
 the needs of the people and industry of the State.
 Also, to negotiate and contract for acquisition, trans-
 mission and distribution of electric energy within the
 State. (Refile of H. 1130 of 1971)

July 9, 1972 Failed to pass by adjournment

H. 5487 An act requiring the employment of certain nuclear
 power plant engineers and operators in nuclear power
 plants, and relative to their powers and duties.

May 18, 1972 Approved

H. 5975 Resolve increasing the scope of the Special Commission
 relative to the regulation of the location and operation
 of electric utility generation and transmission
 facilities.

June 20, 1972 Approved

USER LEGISLATION

H. 111 An act to establish an approving authority for schools
 of medical laboratory technologists and for schools of
 medical x-ray technicians.

May 10, 1972 Killed

H. 431 An amendment relative to regulating the users of x-rays.

July 9, 1972 Failed to pass by adjournment

H. 4099 It is the purpose of this Article to establish standards
 of education, training and experience and to require
 the examination and certification of operators of
 ionizing radiation equipment.

July 9, 1972 Failed to pass by adjournment

MASSACHUSETTS - User Legislation (Continued)

H. 5749 An act requiring practitioners to pass an examination in the fundamentals of the use and effects of x-radiation and specifying educational requirements before use of x-rays is allowed.

June 12, 1972 Killed

MICHIGAN

IONIZING

S. 737 A bill to provide for control of ionizing radiation emissions. To provide for certain contractual agreements with the Federal Government for the licensing of radioactive materials; to designate the Department of Public Health as the State radiation control agency; to establish a Radiation Advisory Committee; to adopt rules implementing this Act; and to prescribe penalties for violations.

December 22, 1972 Approved

MISSOURI

USER LEGISLATION

H. 1294 An act providing for licensing and regulating radiologic technologists in the fields of medicine, dentistry, and chiropractic.

May 15, 1972 Failed to pass by adjournment

NEBRASKA

GENERAL

L. 1405 An act to create a Regional Radiation Health Center to provide medical care and treatment of radiation casualties; to authorize the University of Nebraska Medical Center to develop and supervise such facilities; to develop related educational programs; to appropriate funds; and to provide additional financing.

NEBRASKA - General (Continued)

L. 1405 April 8, 1972 Approved
(Continued)

NUCLEAR ENERGY

L. 1085 An act to ratify and approve the Midwest Nuclear Compact and providing for the administration thereof.
March 14, 1972 Approved

NEW HAMPSHIRE

USER LEGISLATION

H. 59X An act to establish standards for education, training, and experience for persons who apply ionizing radiation to human beings and to prescribe means for assuring that these standards are met.
March 23, 1972 Failed to pass by adjournment

NEW JERSEY

ENVIRONMENTAL

A. 722 An act regulating the use of coastal areas, providing for creation of the Coastal Areas Protection Board and prescribing its powers and duties.
August 9, 1972 Pending

NUCLEAR ENERGY

A.J.R. 3 The Atomic Energy Commission is requested to withhold approval of the plans for the proposed construction of offshore nuclear power plants adjacent to the New Jersey coast at Harvey Cedars or Brigantine National Wildlife Refuge, and the State Department of Environmental Protection is directed to oppose any application of a power plant to the Atomic Energy Commission.

NEW JERSEY - Nuclear Energy (Continued)

A.J.R. 3
(Continued) August 9, 1972 Pending

A.R. 20 An assembly resolution directing the Air and Water Pollution and Public Health Committee of the Assembly to undertake a review and study of plans for installation of an offshore nuclear generating station, and requesting the Commissioner of the Department of Environmental Protection to conduct a parallel inquiry and to cooperate with the Committee.

April 6, 1972 Adopted

A. 519 An act requiring the Department of Environmental Protection to furnish certain members of the legislature with reports covering the results of radiation inspections in districts where a nuclear generating station is in operation.

August 9, 1972 Pending

S.R. 15 A resolution to direct the Senate Agriculture and Environmental Committee to undertake a study of plans for installation of all offshore nuclear generating stations and to request a parallel inquiry by the Commissioner of the Environmental Protection.

May 4, 1972 Adopted

S. 607 A supplement to Title 48 of the Revised Statutes authorizing the Board of Public Utility Commissioners to regulate and control radioactive materials, radioactive waste, and byproduct materials under certain circumstances and providing penalties for violation of the act.

August 9, 1972 Pending

NEW JERSEY (Continued)

USER LEGISLATION

- A. 674 An act to amend the X-ray Technician Certification and Regulations Act specifying that certification is not required by a person who operates only dental x-ray equipment under the supervision of a licensed dentist.

August 9, 1972 Pending

GENERAL

- S. 2091 An act to redefine "unnecessary radiation" under the Radiation Protection Act; and to permit an embargo of any material or machine which is a radiation hazards and provides the penalties for violation of the embargo.

December 30, 1971 Approved

NEW MEXICO

GENERAL

- H. 88 An excise tax is imposed on the severer of uranium-bearing material not disposed of as ore or solution but processed or beneficiated and disposed of as crude uranium concentrate.

February 18, 1972 Killed

- H. 98 An act defining the method for valuation of uranium-bearing mineral property.

February 25, 1972 Approved

- H. 99 The gross value of uranium products to be reported for severed and saved uranium-bearing material not disposed of as ore or solution but processed or beneficiated regardless of the form in which the product is actually disposed of, is defined for tax computation.

February 25, 1972 Approved

NEW YORK

ENVIRONMENTAL

- A. 7099 A bill to create a temporary State commission on reconciling

NEW YORK - ENVIRONMENTAL (Continued)

A. 7099 needs for energy and protection of environment and ecology
(Continued) of State, and enact new provisions for siting of major utility facilities.

May 9, 1972 Failed to pass by adjournment

A. 10689 An act to establish a State policy for the protection of the environment, to enact a consolidated law to be named the Environmental Conservation Law creating a Department of Environmental Conservation, a State Environmental Board and a Council of Advisors to amend the Public Health Law in relation to activities or conditions dangerous to public health and to amend the Conservation Law relating to parks and recreation.

March 30, 1972 Approved

IONIZING

A. 2469 An act to require State Health Commissioner to prescribe form for chronological recordation thereon, of information he deems pertinent in application of x-ray to human beings, which shall be printed and distributed to persons who apply such x-ray and to other persons requesting such forms.

May 9, 1972 Failed to pass by adjournment

NUCLEAR ENERGY

A. 3703 An amendment redefining atomic facilities and restricting construction of these facilities in areas legally used for or zoned for residential use.

May 9, 1972 Failed to pass by adjournment

A. 5333 An act to amend the Public Service Law, in relation to construction of nuclear steam generating, nuclear disposal and nuclear reprocessing facilities and the Public Authorities Law, in relation to prohibiting the authorization of certain facilities and the Environmental Conservation Law in relation to setting operation standards.

NEW YORK - NUCLEAR ENERGY (Continued)

A. 5333

(Continued) May 9, 1972 Failed to pass

A. 6177

A bill to authorize State power authority to construct baseload nuclear generating facilities necessary to sell power and energy to municipalities and other members of State power pool.

May 9, 1972 Failed to pass by adjournment

A. 6783

A bill to authorize the State power authority to construct such hydroelectric and nuclear generating and transmission facilities as it deems necessary.

May 9, 1972 Failed to pass by adjournment

A. 9778

An act to provide that jurisdiction, supervision, powers, and duties of public Service Commission shall extend to conveying, transportation, sale or disposal of nuclear fuels and nuclear waste materials.

June 8, 1972 Vetoed

A. 10723

An act to abolish the New York State Atomic and Space Development Authority and transfer all functions, powers, obligations, employees, appropriations and records to State power.

May 9, 1972 Failed to pass by adjournment

A.R. 76

A resolution petitioning the New Jersey State legislature to join with the New York State legislature in encouraging private utilities to make public every phase and item of their plans for the offshore siting of nuclear power plants.

May 9, 1972 Failed to pass by adjournment

S. 2787

An act to prohibit construction of atomic facilities hereafter, or operation of any facility which has not

NEW YORK - NUCLEAR ENERGY (Continued)

S. 2787 been licensed heretofore within 2,000 yards from
(Continued) boundary of area zoned for residential use.

May 9, 1972 Failed to pass by adjournment

S. 6533 An act to prohibit persons from beginning preparation
 of site for constructing major utility generating
 facility without first having obtained certificates of
 economic necessity and environmental compatibility.

May 9, 1972 Failed to pass by adjournment

S. 6734 An act to prohibit a person from commencing preparation
 of site for construction of a nuclear facility, or
 operate such facility, without obtaining a certificate
 of environmental compatibility and public need.

May 9, 1972 Failed to pass by adjournment

S. 7035 An act to amend the insurance law relative to Federal
 financial responsibility requirements and nuclear
 hazardous insurance.

May 9, 1972 Failed to pass by adjournment

S. 7066 An act to amend the Public Service Law, Public
 Authorities Law, the Condemnation Law and the Public
 Health Law to make provisions as to what constitutes
 construction of major facility, siting requirements
 and application for certificate for thermal electric
 generating facility; and for other provisions.

May 9, 1972 Failed to pass by adjournment

S. 9323 An act to abolish the State Atomic and Space Development Authority and to transfer all functions, powers, obligations and duties to the State Power Authority, to make provisions for the transfer of personnel, records, and appropriations to said authority, and to provide for continuance of authority and of rules and

NEW YORK - NUCLEAR ENERGY (Continued)

S. 9323 regulations.

(Continued)

May 9, 1972 Failed to pass by adjournment

USER LEGISLATION

A. 26667 An act to amend the Public Health Law, in relation to establishing a Veteran's Health Manpower Center, the admission to examination for licensure as a general x-ray technician, x-ray therapy technician and chest radiographer, and consideration of experience in military service for such purpose, and making an appropriation therefor. (Same as S. 2291--not listed).

May 9, 1972 Failed to pass by adjournment

A. 7270 An amendment to delete the provision that use of x-ray by chiropractors, shall be confined to persons over 18 and that area of such x-ray exposure shall not extend below level of top first lumbar vertebra.

May 9, 1972 Failed to pass by adjournment

A. 7271 An amendment to delete provision that use of x-ray by licensed chiropractors, as to area of exposure, shall not extend below the level of the top of first lumbar vertebra.

May 9, 1972 Failed to pass by adjournment

A. 7674 Amendment to limit ionizing radiation in the chiropractic practice to specific areas for x-ray analysis.

April 28, 1972 Substituted by A. 9296

A. 8041 A bill to permit applicant denied admission to examination for licensure in x-ray technology because of failure to meet certain requirements, to be admitted to examination if he possesses satisfactory training

NEW YORK - User Legislation (Continued)

A. 8041 and experience acquired while serving on active duty
(Continued) with U.S. Armed Forces.

April 25, 1972 Approved

A. 8263 An act to amend the Public Health Law, in relation to providing penalties for aiding and abetting in the unlawful practice of x-ray technology.

May 9, 1972 Failed to pass by adjournment

A. 8381 An amendment to the public health relating to radiologic technology, limiting the general x-ray technician to the practice of diagnostic radiography and issuing a separate license to the x-ray therapy technician defining the requirements and qualifications for both.

June 2, 1972 Approved

A. 8528 An act to amend the Public Health Law, in relation to increasing membership of the x-ray Technician Board of Examiners from seven to nine members.

February 7, 1972 Substituted by S.B.N. 7260

A. 9296 An amendment to the Education Law to strike out certain permitted uses of x-ray by holder of license to practice as chiropractor, with such use to be allowed only for purposes of chiropractic analysis.

May 22, 1972 Vetoed

A. 9825 Same as A. 8041

May 9, 1972 Failed to pass by adjournment

S. 5031 An amendment to strike out the provision that use of x-ray by chiropractors, shall be confined to persons

NEW YORK - User Legislation (Continued)

S. 5031 over 18 and that area of such x-ray exposure shall not extend below level of top of first lumbar vertebra.
(Continued)

May 9, 1972 Failed to pass by adjournment

S. 6659 An amendment to permit applicants denied admission to examination for licensure in x-ray technology because of failure to meet certain requirements, to be admitted to examination if he possesses satisfactory training, and qualifications acquired while serving on active duty with U.S. Armed Forces.

May 9, 1972 Failed to pass by adjournment

S. 6808 An act requiring that an oral and practical examination in use and effect of x-ray must be passed, to the satisfaction of the board and department, by licensed chiropractors to use x-ray.

May 9, 1972 Failed to pass by adjournment

S. 6809 Same as A. 7270

May 9, 1972 Failed to pass by adjournment

S. 7260 X-ray technician--to increase number of members of x-ray technician Board of Examinors.

February 18, 1972 Approved

S. 7278 X-ray technology--to make it a misdemeanor for person to aid or abet person in violation of any provision relating to practice of x-ray technology.

April 5, 1972 Approved

S. 8118 An amendment permitting license or registration of x-ray technicians to be suspended or revoked upon grounds that he has been habitual drunkard, addicted

NEW YORK - User Legislation (Continued)

S. 8118 to drugs or mental disability.

(Continued)

June 2, 1972 Approved

A. 10806 An amendment to the Public Health Law relating to the revocation or suspension of the license or registration of an x-ray technician.

May 9, 1972 Failed to pass by adjournment

PENNSYLVANIA

GENERAL

S. 1251 An amendment to the Atomic Energy Development and Radiation Control Act of January 1966 (P.L. 1625); empowering the Governor to enter into agreements with the Federal Government for the assumption by the commonwealth of certain regulatory powers; conferring powers and duties upon the Department of Commerce with respect to the promotion and development of atomic energy resources; conferring powers and duties upon the Department of Health regarding control and regulation of radiation sources, including licensing and registration; providing for and requiring the Department of Environmental Resources to approve environmental impact applications before granting licenses for construction and operation of nuclear power plants.

August 11, 1972 No action by adjournment

NUCLEAR ENERGY

H.R. 123 A House Resolution memorializes the Atomic Energy Commission to withhold any further approval of the development of nuclear power plants in Pennsylvania for a period of at least two years.

August 11, 1972 No action by adjournment

S. 1260 A joint resolution proposing an amendment to the

PENNSYLVANIA - Nuclear Energy (Continued)

S. 1260 constitution adding a "nuclear safety and protection" article listing conditions to be met prior to approval of location or operation of reactors, enrichment or reprocessing plants using nuclear fuel, or storage dumps or transportation systems for radioactive materials.

August 11, 1972 No action by adjournment

S. 1402 An act amending the Atomic Energy Development and Control Act making the Department of Environmental Resources the exclusive agency for the administration and providing for environmental impact applications and their approval before granting licenses for construction and operation of nuclear power plants; and transferring certain powers and duties of the governor and the Department of Commerce to the Department of Environmental Resources together with personnel and appropriations.

August 11, 1972 No action by adjournment

USER LEGISLATION

H. 2346 An act to prohibit practitioners of the healing arts from employing ionizing radiation, in any form, on human beings unless said practitioner is a graduate of a school or college which has been accredited by an accrediting agency recognized and approved by the National Commission on Accrediting and the U.S. Office of Education, U.S. Department of Health, Education, and Welfare, and provides for penalties for violations.

August 11, 1972 No action by adjournment

RHODE ISLAND

ENVIRONMENTAL

H. 1894 An act requiring cooling towers in nuclear and atomic power plants to prevent or control thermal pollution of water and natural resources.

RHODE ISLAND - Environmental (Continued)

H. 1894

(Continued) April 28, 1972 Failed to pass by adjournment

S. 695

An act requiring cooling towers in nuclear or atomic power plants to prevent or control thermal pollution of water and natural resources.

April 28, 1972 Failed to pass by adjournment

SOUTH CAROLINA

NONIONIZING

H. 3288

An amendment to redefine radiation to include nonionizing radiation.

July 28, 1972 Failed to pass by adjournment

NUCLEAR ENERGY

H.C.R. 1954

A concurrent resolution to appoint a committee to study the establishment of plants or facilities for the recovery of nuclear fuel and the storage of waste nuclear materials.

July 19, 1972 Reported to General Assembly

SOUTH DAKOTA

NUCLEAR ENERGY

S. 212

Nuclear Compact--providing for the entering into the Midwest Nuclear Compact.

February 11, 1972 Killed on adjournment

VERMONT

NUCLEAR ENERGY

H. 501 A bill to establish a corporate instrumentality of the State to be called the Vermont State Power Authority with authority to acquire, manage, operate, and maintain facilities for the generation and transmission of electric power in the State.

April 7, 1972 Failed to pass by adjournment

S. 155 Nuclear plants--to provide for a permit from the Public Service Board for the construction and operation of nuclear generating plants.

April 7, 1972 Failed to pass by adjournment

WASHINGTON

NUCLEAR ENERGY

H. 66-XX A bill expanding the Advisory Council on Nuclear Energy and Radiation.

February 23, 1972 Failed to pass by adjournment

H. 246-XX As an inducement factor to locating a liquid metal fast breeder reactor demonstration plant to extend uranium reserves in the State of Washington, a proposal to extend limited tax exemption to owner-sponsors of such a venture is being proposed.

February 23, 1972 Failed to pass on adjournment

WISCONSIN

NUCLEAR ENERGY

A. 1554 An act creating a Division and Board of Atomic Energy Control and a Bureau of Atomic Energy Control Enforcement, setting interim radioactive emission standards, granting rule-making power, providing penalties and

WISCONSIN - Nuclear Energy (Continued)

A. 1554 making an appropriation.
(Continued)

July 14, 1972 Failed to pass by adjournment

PUERTO RICO

NUCLEAR ENERGY

S.R. 425 A resolution pertaining to the construction and
operation of thermonuclear power plants.

April 25, 1972 Reported favorably

USER LEGISLATION

H. 1764 An act to amend Act 78 relating to the regulation of
the radiology profession (bill not in English).

March 29, 1972 Failed to pass

TABLES

TABLE 1. STATES WITH ENABLING ACTS FOR IONIZING RADIATION PROTECTION
JANUARY 1, 1973

| STATE | ACT/YEAR | EFFECTIVE DATE OF ACT | AGENCY OR REMARKS* |
|-------------|---|--|--------------------|
| Alabama | Act 582/63 | 9/16/63 | |
| Alaska | Ch. 66/57 | 3/18/57 | |
| Arizona | Ch. 30/64 | 7/15/64 | Arizona AEC |
| Arkansas | Act 8/61 | 12/20/61 | |
| California | Ch. 1711/61 As amended by A. 2491 | 7/1/62 11/8/71 | |
| Colorado | Ch. 156/57 S.B. 231/65 As amended by S.B. 108 As amended by S.B. 1 | 3/13/57 4/23/65 6/1/67 7/1/68 | |
| Connecticut | Publ. Act. 550/67 | 6/20/67 | |
| Delaware | Ch. 74 | 4/26/68 | |
| Florida | Ch. 290/61 | 2/21/62 | |
| Georgia | Act 936/64 As amended by H.B. 864 As amended by H.B. 1586 | 7/1/64 4/3/68 4/8/68 | |
| Hawaii | Ch. 18/51 | 5/2/51 | |
| Idaho | Ch. 243/61 As amended by H.B. 519 | 5/2/61 3/27/72 | |
| Illinois | S.B. 515/59, as amended by S.B. 756/63 | 8/16/63 | |

*Unless otherwise specified, statutes designate the State Health Department as the agency responsible for radiation protection with the authority to adopt regulations.

| STATE | ACT/YEAR | EFFECTIVE DATE OF ACT | AGENCY OR REMARKS* |
|---------------|--|--------------------------------|--|
| Indiana | Ch. 77/59 as amended by Ch. 116/61 | 3/4/61 | |
| Kansas | Ch. 290/63 | 7/1/63 | |
| Kentucky | Sec. 152.120(A) 152.125, & 152.190, Ky, Rev. Stat., as amended by S.B. 284/60 | 3/25/60 | |
| Louisiana | Act 84/62 as amended by H.B. 1165 | 8/1/62 7/31/68 | Louisiana Board of Nuclear Energy |
| Maine | Ch. 403/61 | 3/2/62 | |
| Maryland | Art. 43, as amended by Ch. 88/60 as amended by S.B. 93 | 6/1/60 6/1/68 | |
| Massachusetts | Ch. 633/60 Ch. 224/61 S.B. 1148 | 11/28/60 6/12/61 10/9/68 | Mass. Dept. of Labor and Industries |
| Michigan | S.B. 737/72 | 12/22/72 | |
| Minnesota | Ch. 361/57 | 4/11/57 | |
| Mississippi | H.B. 499/64 | 4/24/64 | |
| Missouri | S.B. 322/63 | 10/13/63 | |
| Montana | H.B. 245/67 | 7/1/67 | |
| Nebraska | L.B. 19/63 | 10/19/63 | |
| Nevada | A.B. 495/63 | 7/1/63 | |
| New Hampshire | H.B. 597/63 | 7/2/63 | |
| New Jersey | Ch. 116/58 As amended by S.B. 2091/71 | 7/8/58 12/30/71 | |

| STATE | ACT/YEAR | EFFECTIVE DATE OF ACT | AGENCY OR REMARKS* |
|----------------|---|------------------------------|---|
| New Mexico | Ch. 185/59 as amended by H. 426 | 6/12/59 4/8/71 | Authority placed under Health and Social Services |
| New York | Sec. 201 and 255 P.H. Law, as amended by Ch. 628/60 and S.B. 4570/66 | 4/18/60 5/23/66 | |
| North Carolina | Ch. 104-C, Gen. Stat., as amended by H.B. 34/63 | 6/26/63 | |
| North Dakota | S.B. 202/65 Ch. 446/65 | 7/1/65 7/1/65 | N.D. Water Conservation Commission |
| Ohio | H.B. 410/59 | 11/4/59 | |
| Oklahoma | S.B. 26/63 as amended by H.B. 678/63 H.B. 1020 | 7/1/63 6/18/63 4/22/68 | |
| Oregon | Ch. 664/61 | 8/9/61 | |
| Pennsylvania | Act. 578/65 as amended by S.B. 320 | 1/28/66 9/30/68 | |
| Puerto Rico | Act 79/65 as amended by H.B. 462 | 7/1/65 3/26/67 | |
| South Carolina | Act 302/67 | 5/1/67 | |
| South Dakota | S.B. 162/67 | 7/1/67 | |
| Tennessee | Ch. 66/59 as amended by S. 167 | 7/1/59 4/16/71 | |
| Texas | Ch. 72/61 | 4/17/61 | |
| Utah | H.B. 137/67 | 5/9/67 | |
| Vermont | H.B. 59/67 | 7/1/67 | |

| STATE | ACT/YEAR | EFFECTIVE DATE OF ACT | AGENCY OR REMARKS* |
|------------|---|-----------------------|----------------------|
| Virginia | Ch. 158/64 Ch. 314/68 | 3/3/67 6/28/68 | |
| Washington | Ch. 207/61 as amended by S.B. 15/65 | 6/30/61 8/6/65 | |
| Wisconsin | Ch. 325/63, as amended by Ch. 459/63 | 9/25/63 1/4/64 | |
| Wyoming | Ch. 153/55 | 2/19/55 | Registration Statute |

TABLE 2. STATES WITH SPECIFIC STATUTES FOR CONTROL OF NONIONIZING RADIATION

| STATE | ALL ELECTROMAGNETIC RADIATION | LASERS ONLY | EFFECTIVE DATE |
|---------------|---------------------------------|-------------|-------------------|
| Alaska | H.B. 267 | | 7/26/69 |
| Arizona | H.B. 5 | | 8/11/70 |
| Arkansas | H.B. 328 Amended by H.B. 441 | | 8/7/69 4/28/71 |
| Florida | S.B. 670 | | 6/18/71 |
| Idaho | H.B. 519 | | 3/27/72 |
| Illinois | | S.B. 984 | 8/11/67 |
| Indiana | S.B. 601 | | 4/14/71 |
| Kansas | S.B. 236 | | 2/18/72 |
| Kentucky | H.B. 362 | | 3/30/72 |
| Louisiana | H.B. 1165 | | 1/31/68 |
| Massachusetts | | S.B. 1148 | 10/9/68 |
| Mississippi* | | | |
| New Hampshire | H.B. 207 | | 6/8/71 |
| New Jersey | S.B. 2091 | | 12/30/71 |
| New Mexico | H.B. 426 | | 4/8/71 |
| New York | H.B. 6393 | | 4/27/69 |
| Oklahoma | H.B. 1405 | | 4/14/69 |
| Pennsylvania | | Ch. 4 | |
| Texas | H.B. 733 | Art. 436 | 6/9/71 |

*Attorney General has ruled that the present Radiation Control Act provides authority to control nonionizing radiation.

TABLE 3. STATES WITH SPECIFIC STATUTES FOR USER CONTROL
JANUARY 1, 1973

| STATE | ALL USERS | X-RAY TECHNOLOGY | CHIRO-PRACTORS | NUCLEAR PLANT PERSONNEL |
|---------------------------------|-----------------------|--|---------------------|-------------------------|
| California Effective Date | S.B. 1056 11/10/69 | | | |
| Delaware | | * | | |
| Kentucky Effective Date | | H.B. 404 3/29/72 | | |
| Massachusetts Effective Date | | | | H.B. 216 8/5/71 |
| New Jersey Effective Date | | A.B. 660 12/6/68 | | |
| New York Effective Date | | S.B. 1313 7/1/64 Amend S.B. 4888 6/17/71 Amend A.B. 8041 4/25/72 Amend A.B. 8381 6/2/72 Amend S.B. 7278 4/5/72 Amend S.B. 8118 6/2/72 | S.B. 6480 7/2/71 | |
| Oregon | | * | | |
| Puerto Rico Effective Date | | Act 78 9/23/63 | | |
| Texas Effective Date | | | S.B. 327 5/25/71 | |

*Attorney General has determined that legislation covers certification of x-ray technologists.

TABLE 4. APPROVED LEGISLATION
JANUARY 1, 1972

| STATE | GENERAL | IONIZ- ING | NONION- IZING | NUCLEAR ENERGY | ENVIRON- MENTAL | USER | TOTAL |
|----------------|---------|---------------|------------------|-------------------|--------------------|------|-------|
| Colorado | | | | 1 | | | 1 |
| Florida | | | | 1 | | | 1 |
| Idaho | 1 | | * | | | | 1 |
| Iowa | | | | | | | 1 |
| Kansas | | | 1 | 1 | 1 | | 2 |
| Kentucky | | | 1 | | | 1 | 2 |
| Louisiana | 1 | | | | | | 1 |
| Massachusetts | | 1 | | 2 | | | 3 |
| Michigan | | 1 | | | | | 1 |
| Nebraska | 1 | | | 1 | | | 2 |
| New Jersey | 1 | | | 2 | | | 3 |
| New Mexico | 2 | | | | | | 2 |
| New York | | | | | 1 | 5 | 6 |
| South Carolina | | | | 1 | | | 1 |
| Federal | 1 | | | 1 | | 1 | 3 |
| TOTALS | 7 | 2 | 2 | 10 | 2 | 7 | 30 |

*General legislation passed included nonionizing.

TABLE 5. FINAL DISPOSITION OF PROPOSED LEGISLATION
JANUARY 1, 1972

| STATUS | APPROVED | PENDING | FAILED TO PASS | TOTAL |
|-----------------------|----------|---------|----------------|-------|
| General | 7 | | 9 | 16 |
| Ionizing Radiation | 2 | | 6 | 8 |
| Nonionizing Radiation | 2 | | 2 | 4 |
| Nuclear Energy | 10 | 3 | 39 | 52 |
| Environmental | 2 | 1 | 13 | 16 |
| User Legislation | 7 | 1 | 32 | 40 |
| TOTAL | 30 | 5 | 101 | 136 |

TABLE 6. PROPOSED LEGISLATION IN 1972

| STATE | GENERAL | IONIZ- ING | NONION- IZING | NUCLEAR ENERGY | ENVIRON- MENTAL | USER | TOTAL |
|----------------|-----------|---------------|------------------|-------------------|--------------------|-----------|------------|
| California | | 1 | | 5 | 2 | 6 | 14 |
| Colorado | | | | 1 | 1 | | 2 |
| Florida | 1* | | | 1 | 2 | | 4 |
| Idaho | 1* | | | | | | 1 |
| Indiana | 1 | | | | | | 1 |
| Iowa | | | | | 1 | | 1 |
| Kansas | 1* | | 1 | 3 | 2 | | 7 |
| Kentucky | | | 1 | | | 1 | 2 |
| Louisiana | 1 | | | | 1 | 1 | 3 |
| Maryland | | | | | 2 | 1 | 3 |
| Massachusetts | 1 | 2 | | 5 | | 4 | 12 |
| Michigan | | 1 | | | | | 1 |
| Missouri | | | | | | 1 | 1 |
| Nebraska | 1 | | | 1 | | | 2 |
| New Hampshire | | | | | | 1 | 1 |
| New Jersey | 1 | | | 5 | 1 | 1 | 8 |
| New Mexico | 3 | | | | | | 3 |
| New York | | 1 | | 13 | 2 | 18 | 34 |
| Pennsylvania | 1* | | | 3 | | 1 | 5 |
| Rhode Island | | | | | 2 | | 2 |
| South Carolina | | | 1 | 1 | | | 2 |
| South Dakota | | | | 1 | | | 1 |
| Vermont | | | | 2 | | | 2 |
| Washington | | | | 2 | | | 2 |
| Wisconsin | | | | 1 | | | 1 |
| Puerto Rico | | | | 1 | | 1 | 2 |
| Federal | 4 | 3 | 1 | 7 | Not Reported | 4 | 19 |
| TOTAL | 16 | 8 | 4 | 52 | 16 | 40 | 136 |

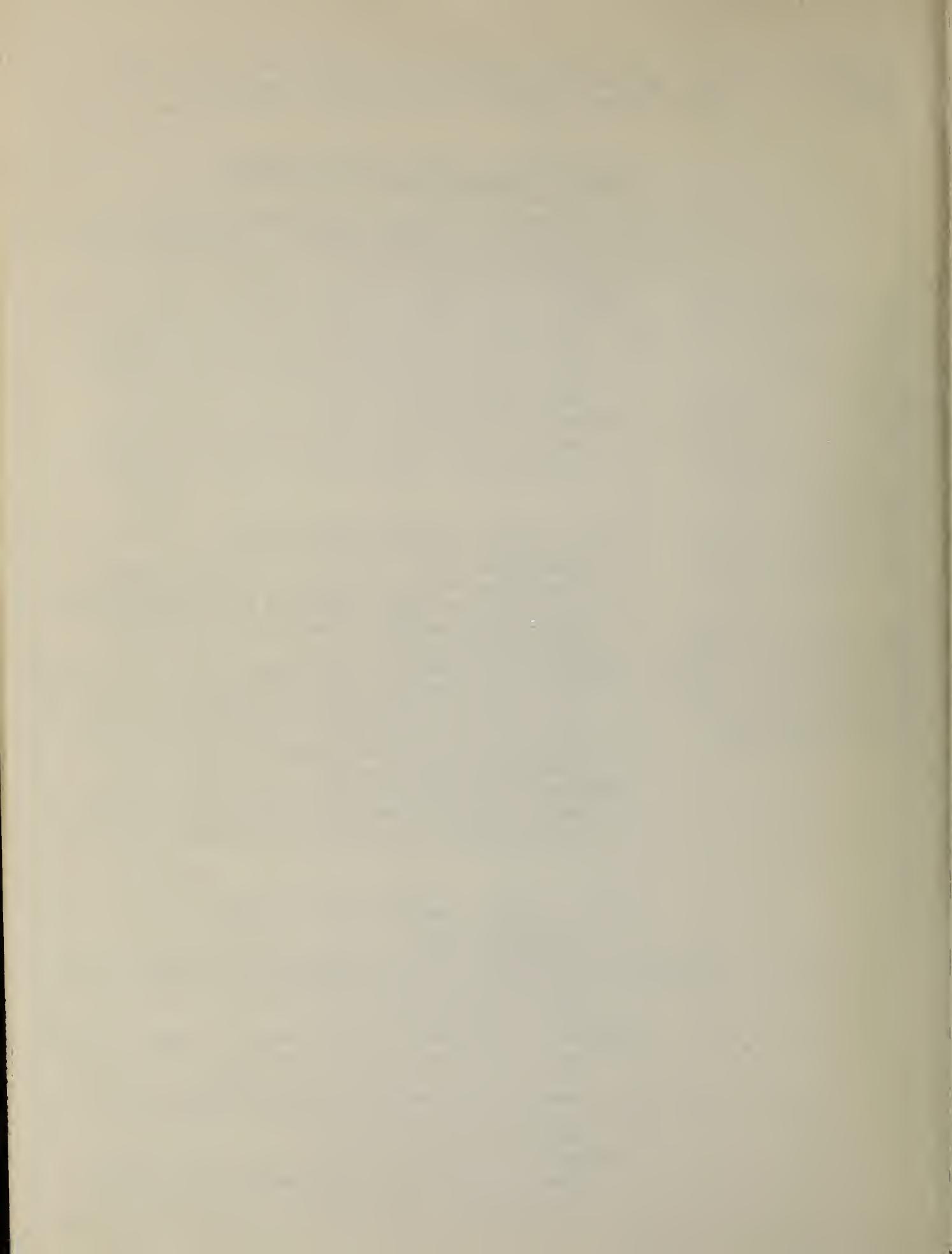
*Amendments relating to nuclear energy, ionizing, and other radiation.

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| Lois A. Miller. FEDERAL/STATE CONTROL LEGISLATION 1972. U.S. Department of Health, Education, and Welfare, PHS, FDA, Bureau of Radiological Health. DHEW Publication (FDA) 73-8038, March 1973, 42 pp. (limited distribution) | Accession No. |
| ABSTRACT: This report, which presents a review of Federal and State radiation control legislation for calendar year 1972, is in Federal/State, subject, and status order. A brief description of each bill introduced in 1972 is included, plus existing laws or statutes governing radiation control. | |
| KEYWORDS: Environmental, Federal/State legislation, general, ionizing radiation, nonionizing radiation, nuclear energy, user legislation, State legislation. | |
| Lois A. Miller. FEDERAL/STATE CONTROL LEGISLATION 1972. U.S. Department of Health, Education, and Welfare, PHS, FDA, Bureau of Radiological Health. DHEW Publication (FDA) 73-8038, March 1973, 42 pp. (limited distribution) | Accession No. |
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| Lois A. Miller. FEDERAL/STATE CONTROL LEGISLATION 1972. U.S. Department of Health, Education, and Welfare, PHS, FDA, Bureau of Radiological Health. DHEW Publication (FDA) 73-8038, March 1973, 42 pp. (limited distribution) | Accession No. |
| ABSTRACT: This report, which presents a review of Federal and State radiation control legislation for calendar year 1972, is in Federal/State, subject, and status order. A brief description of each bill introduced in 1972 is included, plus existing laws or statutes governing radiation control. | |
| KEYWORDS: Environmental, Federal/State legislation, general, ionizing radiation, nonionizing radiation, nuclear energy, user legislation, State legislation. | |



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